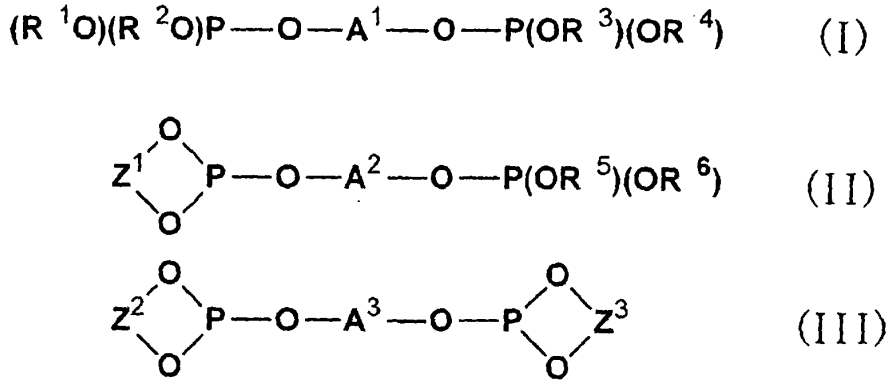
ABSTRACT OF THE DISCLOSURE

A method for producing an allyl compound having a compositional formula different from that of an allyl starting material compound, which comprises reacting the allyl starting material compound with a nucleophilic agent in the presence of a catalyst containing at least one transitional metal compound containing a transition metal selected from the group consisting of transition metals belonging to Group 8 to Group 10 of the Periodic Table and at least one bidentate coordinated phosphite compound selected from the group consisting of compounds having structures of the following formulae (I) to (III):



wherein A^1 to A^3 are respectively independently a diarylene group having a branched alkyl group at the ortho-position, R^1 to R^6 are respectively independently an alkyl group which may have a substituent or an aryl group which may have a substituent (including a heterocyclic compound forming an aromatic 6π electron cloud on the upper and lower sides of the ring, hereinafter the same), and Z^1 to Z^3 are respectively

independently an alkylene group which may have a substituent, an arylene group which may have a substituent, an alkylene-arylene group which may have a substituent or a diarylene group which may have a substituent.